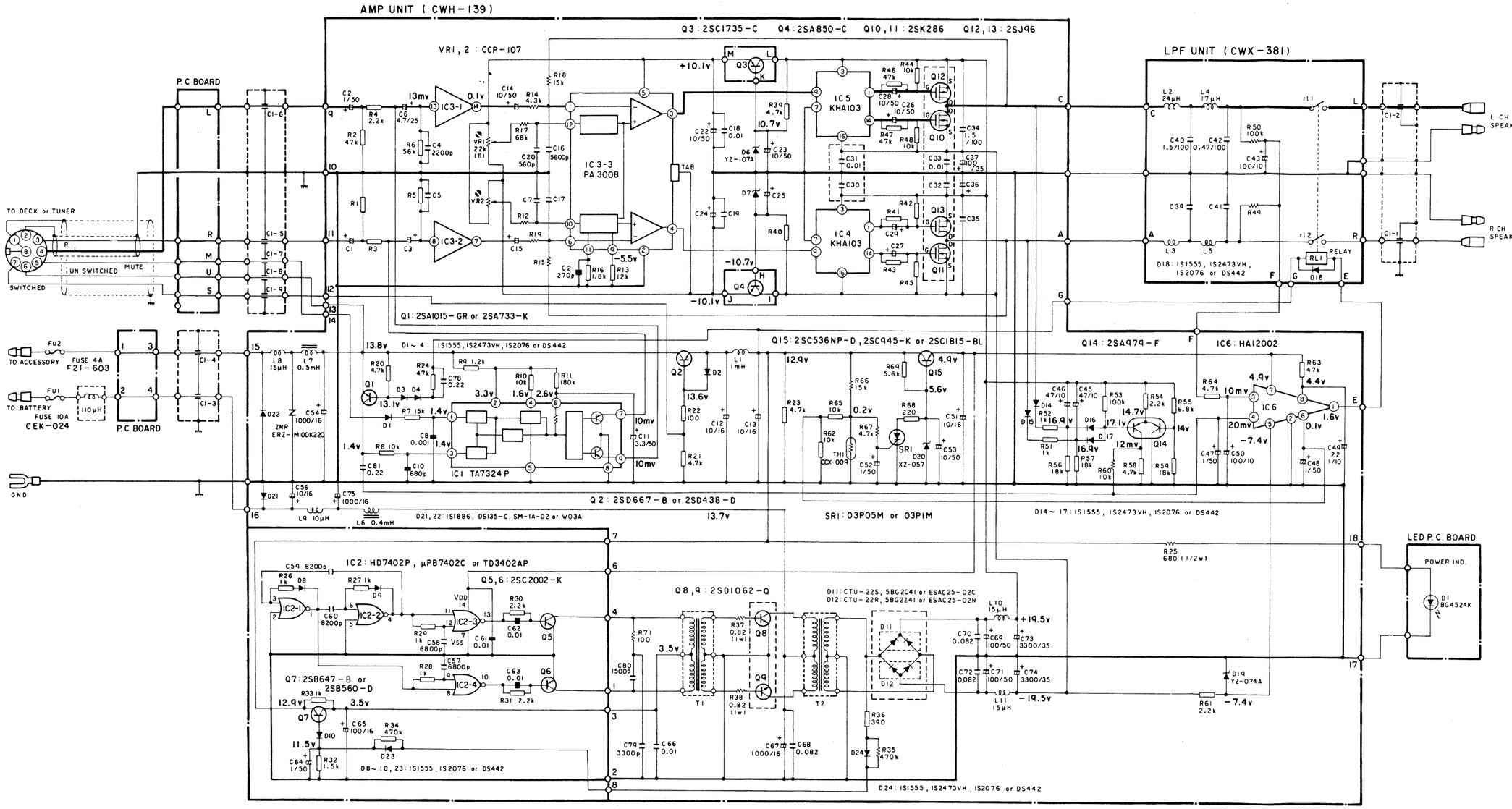
4. SCHEMATIC CIRCUIT DIAGRAM


AMP UNIT (CWH-139)
Q3 : 2SC1735-C Q4 : 2SA850-C Q10, 11 : 2SK286 Q12, 13 : 2SJ96
VR1, 2 : CCP-107
LPF UNIT (CWX-381)
P.C BOARD
IC3-3 PA3008
IC5 KHA103
IC4 KHA103
L CH SPEAKER
R CH SPEAKER
RELAY
TO DECK or TUNER
UN SWITCHED
MUTE
SWITCHED
TO ACCESSORY
FUSE 4A F21-603
TO BATTERY
FUSE 10A CEK-024
GND
Q1 : 2SA1015-GR or 2SA733-K
Q15 : 2SC536NP-D, 2SC945-K or 2SC1815-BL
Q14 : 2SA979-F
IC6 : HA12002
IC1 TA7324P
Q2 : 2SD667-B or 2SD438-D
D1 ~ 4 : 1S1555, 1S2473VH, 1S2076 or DS442
D21, 22 : 1S1886, DSI35-C, SM-1A-02 or W03A
SR1 : 03P05M or 03PIM
D14 ~ 17 : 1S1555, 1S2473VH, 1S2076 or DS442
D18 : 1S1555, 1S2473VH, 1S2076 or DS442
IC2 : HD7402P, μPB7402C or TD3402AP
Q5,6 : 2SC2002-K
Q8,9 : 2SD1062-Q
Q7 : 2SB647-B or 2SB560-D
D11 : CTU-22S, 5BG2C41 or ESAC25-02C
D12 : CTU-22R, 5BG2241 or ESAC25-02N
D24 : 1S1555, 1S2473VH, 1S2076 or DS442
D8 ~ 10, 23 : 1S1555, 1S2076 or DS442
LED P.C. BOARD
POWER IND.
D1 BG4524K

NOTE:

The amplifier unit consists of three amplifiers which can be separated. However, they are supplied as one unit to maintain balance in performance and quality.

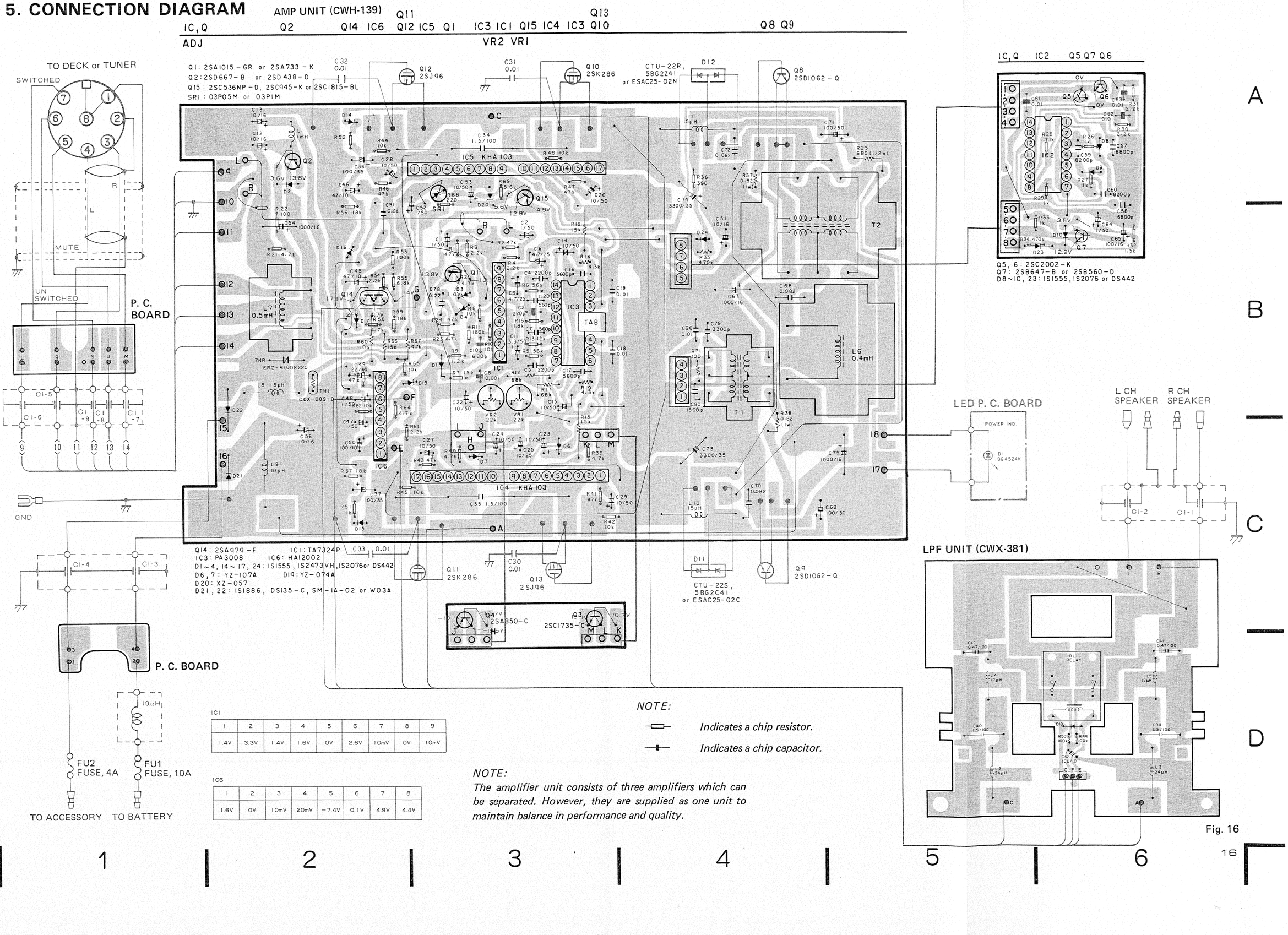
NOTE:

Indicates a chip resistor.

Indicates a chip capacitor.

Fig. 15

5. CONNECTION DIAGRAM



IC1

1	2	3	4	5	6	7	8	9
1.4V	3.3V	1.4V	1.6V	0V	2.6V	10mV	0V	10mV

IC6

1	2	3	4	5	6	7	8
1.6V	0V	10mV	20mV	−7.4V	0.1V	4.9V	4.4V

NOTE:

Indicates a chip resistor.

Indicates a chip capacitor.

NOTE:
The amplifier unit consists of three amplifiers which can be separated. However, they are supplied as one unit to maintain balance in performance and quality.

Fig. 16